UTILITY

PATENT APPLICATION

TRANSMITTAL Express Mail Label No. (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

EL515382738US **Assistant Commissioner for Patents**

APP	PLICATION ELEMENTS	ADDRESS TO: Box Patent Application Washington, DC, 20231				
	er 600 concerning utility patent application contents.					
X Fee	Transmittal Form (e.g., PTO/SB/17) iit an original and a duplicate for fee processing)	5. Microfiche Computer Program (Appendix)				
	5-11-	D. Nucleotide director victimes and a				
X Speci	fication [Total Pages] 46 rred arrangement set forth below)	(application of the Conv				
	criptive title of the Invention	a. Computer Readable Copy				
- Cros	ss References to Related Applications	b. Paper Copy (identical to computer copy)				
- Stat	ement Regarding Fed sponsored R & D	c. Statement verifying identity of above copies				
- Ref	erence to Microfiche Appendix					
- Bac	kground of the Invention	ACCOMPANYING APPLICATION PARTS				
	f Summary of the Invention	7. Assignment Papers (cover sheet & document(s))				
- Brie	f Description of the Drawings (if filed)	37 C.F.R.§3.73(b) Statement Power of				
- Det	ailed Description	8 (when there is an assignee) Attomey				
- Cla	im(s)	9. English Translation Document (if applicable)				
	stract of the Disclosure	Information Disclosure Copies of IDS				
. Draw	ring(s) (35 U.S.C. 113) [Total Sheets] 10. Statement (IDS)/PTO-1449 Citations				
	eclaration [Total Pages 2	1 11. Preliminary Amendment				
1. Oath or De	- Caration	Return Receipt Postcard (MPEP 503)				
a	Newly executed (original or copy)	12. A (Should be specifically itemized)				
ь. 🗀	Copy from a prior application (37 C.F.R. § (for continuation/divisional with Box 16 complete	\$1.63(d)) *Small Entity Statement filed in prior application,				
٠. ـــــ	. [Tor continuation/divisional with Box 10 complete . DELETION OF INVENTOR(S)	(DTO/CB/00 12)				
	Signed statement attached deleting	ing Certified Copy of Priority Document(s)				
	inventor(s) named in the prior applic	ication, (if toreign priority is claimed)				
	see 37 C.F.R. §§ 1.63(d)(2) and 1.3					
	EMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL L ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), E					
I IF ONE FILED	IN A PRIOR APPLICATION IS RELIED UPON 137 C.F.N. S	1,04,0				
16. If a CON	ITINUING APPLICATION, check appropriate box	ox, and supply the requisite information below and in a preliminary amendment:				
	ntinuation Divisional Continuation-in	n-part (CIP) of prior application No:				
Prior app	lication information: Examiner	Group / Art Unit:				
For CONTINU	ATION or DIVISIONAL APPS only: The entire disc	closure of the prior application, in which which the companying continuation or divisional application and is hereby incorporated by continuation in inadvertently omitted from the submitted application parts.				
reference. Th	e incorporation <u>can only</u> be relied upon when a p	portion has seen meet or the seen and seed and s				
	17. CORRESP	PONDENCE ADDRESS				
	Attumber of Res Code Label 22885	or Correspondence address below				
XX Custom	er Number or Bar Code Label 22003					
(Insert Customer No. or Attach bar code label here)						
Name Heidi S. Nebel Zarley, McKee, Thomte, Voorhees & Sease, P.L.C.						
Name	Zarley, McKee, Thomte, V	Voorhees & Sease, F.L.C.				
	801 Grand Avenue, Suite	3200				
 	Des Moines s	State Towa Zip Code 50309-2721				
City	7.11.	515-288-1338				
Country	1 USA	Registration No. (Attorney/Agent) 37,719				
Name (Print/Type) Heidi S. Nebel					
Cionatiu		Date 1/2(100)				

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CERTIFICATE OF MAILING

I hereby declare that the attached Patent Application and filing fee has been mailed by U.S. Postal Service's "Post Office to Addressee" Express Mail service in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, Box Patent Application, prior to 5:00 p.m. on the 2/ day of January, 2000.

Patricia E. Wilson

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PTO/SB/17 (12/99)
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FEE TRANSMITTAL				Complete If Known		
	Application Num	nber				
For FY 2000 Palent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.			Filing Date			
			First Named Inv	entor	COLBERT, Terry R.	,
				,		
			Group / Art Unit		1649	
TOTAL AMOUNT OF PAYMENT (\$) 2154.00			Attorney Docket No.		PO4348USO PHI 1194	
METHOD OF PAYMENT (check one)			FEE CALCULATION (continued)			
1. A indicated fees and credit any overpayments to: Deposit Account 16–1852			ADDITIONAL FE inge Entity Small Enti- ee Fee Fee Fee ode (\$) Code (\$)	ty	Fee Description	Fee Paid
			05 130 205 65			
Deposit Account Name Pioneer Hi-Bred Int'1. Charge Any Additional Fee Required Under 37 CFR \$\frac{1}{2}\$ 1.16 and 1.17			27 50 227 25	Surcha cover a	urge - late provisional filing fee or sheet.	
			39 130 139 130	Non-Er	nglish specification	ļ <u></u>
			47 2,520 147 2,520		ng a request for reexamination	
			12 920 112 920		sting publication of SIR prior to ner action	

indicated fees and credit any overpayments to:	Large Entity Small Entity Fee				
Deposit 16 1052	Code (\$) Code (\$)	Fee Paid			
Account 16-1852 Number	105 130 205 65 Surcharge - late filing fee or oath				
Deposit Account Pioneer Hi-Bred Int'1.	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.				
Name Troffeet III Bred Tite 1.	139 130 139 130 Non-English specification				
Charge Any Additional Fee Required	147 2,520 147 2,520 For filing a request for reexamination				
Under 37 CFR §§ 1.16 and 1.17	112 920° 112 920° Requesting publication of SIR prior to				
2. Payment Enclosed:	Examiner action				
Check Money Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	115 110 215 55 Extension for reply within first month				
	116 380 216 190 Extension for reply within second month				
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month				
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month				
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month				
101 690 201 345 Utility filing fee 690	119 300 219 150 Notice of Appeal				
106 310 206 155 Design filing fee	120 300 220 150 Filling a brief in support of an appeal				
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral hearing				
108 690 208 345 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 690	141 1,210 241 605 Petition to revive - unintentional				
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)				
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee				
Total Claims 33-20* 12 × 18 216	144 580 244 290 Plant issue fee				
Independent 10-3" = 16 × 78 = 1248	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent	123 50 123 50 Petitions related to provisional applications				
**or number previously peid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt				
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)				
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))				
102 78 202 39 Independent claims in excess of 3	149 690 249 345 For each additional invention to be	 			
104 260 204 130 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))	1			
109 78 209 39 ** Reissue Independent claims over original patent	Other fee (specify)				
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)				
SUBTOTAL (2) (\$) 1464.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					

SUBMITTED BY Complete (# applicable)						
Name (PrintType)	Heidi S. Nebel	Registration No. 37,719	Telephone 515-288-3667			
Signature			Date 1/21/00			
	TOTAL DAME:					

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